MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

FEBRUARY, 1929

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FEBRUARY 1929
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.3	54.5	54.7	54.8	13.1	7.9	9.4	10.6	10.0	10.0
2	4.0	3.7	3.5	3.7	13.2	9.4	11.0	11.9	11.7	11.5
3	3.1	2.1	3.1	2.8	13.1	8.3	9.0	9.6	10.2	9.6
4	3.2	49.5	2.9	1.9	12.4	7.9	11.7	11.9	12.8	12.2
5	5.0	56.5	9.3	6.9	13.4	5.7	12.1	11.1	10.3	11.2
6	62.0	61.6	62.4	62.0	10.6	1.6	9.1	10.8	8.3	9.3
7	0.1	57.9	58.7	58.9	11.6	8.1	9.8	12.3	10.0	10.7
8	59.9	9.7	61.2	60.3	13.5	7.3	9.2	10.0	8.6	9.3
9	9.6	7.2	56.6	57.8	13.2	7.8	11.1	9.4	12.2	10.9
10	8.0	9.4	63.1	60.2	12.7	7.4	9.7	12.8	12.1	11.5
11	66.8	66.6	67.2	66.9	13.3	8.5	12.2	14.9	12.0	13.0
12	4.8	3.6	1.2	2.9	15.6	10.6	14.2	16.0	14.1	14.8
13	59.2	58.3	59.6	59.0	16.9	11.0	14.8	17.8	14.0	15.5
14	61.5	61.1	62.3	61.6	18.3	11.1	14.3	16.9	13.6	14.9
15	2.3	0.2	59.0	0.5	17.6	10.7	14.2	16.3	14.0	14.8
16	54.6	57.6	60.7	57.6	17.0	12.2	18.3	14.3	14.3	15.6
17	61.8	61.1	0.4	61.1	18.3	9.7	12.1	16.2	13.4	13.9
18	55.9	56.4	58.8	57.0	16.8	11.7	15.1	18.4	14.2	15.9
19	5.6	4.6	6.1	5.4	21.5	8.2	12.8	12.9	12.8	12.8
20	4.9	5.3	7.6	5.9	14.2	10.6	14.7	12.9	12.0	13.2
21	61.0	60.7	61.0	60.9	15.0	8.5	11.4	13.2	10.8	11.8
22	59.0	56.6	54.2	56 6	14.2	10.6	13.8	15.6	13.9	14.4
23	3.7	4.2	4.5	4.1	16.7	11.8	15.6	10.3	11.0	12.3
24	5.6	6.3	60.8	7.6	16.7	8.9	13.8	13.6	12.1	13.2
25	65.7	66.6	9.0	67.1	13.6	9.5	13.1	15.7	12.3	13.7
26	69.8	67.6	66.7	68.0	16.6	10.2	14.0	16.0	14.9	15.0
27	2.7	59.2	56.0	59.3	16.9	11.9	15.4	18.3	21.1	18.3
28	53.6	6.6	9.9	6.7	22.1	17.0	20.2	18.6	15.6	18.1
	58.88	58.34	59.30	58.84	15.29	9.43	19.93	13.86	12.58	13.12

Barometer, Range for month 749.5-769.8 m.m.
,, 50-yr. average for month 762.30 m.m.
Thermometer, Range for month 1.6-22.1
,, 50-yr. average for month 14.°32
Rain, total for month 380.76 m.m.
,, , 50-yr average for month 150.88m.m.
,, , total. Sept. 1st to end of month 978.10m.m.
,, , 50-yr average, Sept. 1st to end of month. 727.72m.m.

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	8.9	10.0	9.3	8.2	8.8	8.4	8.5	94	93	92	93	0.4	40.44
2	9.9	10.3	10.0	8.5	8.5	8.2	8.4	87	82	80	83	0.0	81.25
3	8.4	8.8	8.6	8.0	8.0	7.5	7.8	93	90	81	88	0.6	56.89
4	8.5	8.9	8.7	6.9	7.0	6.4	6.8	68	67	58	64	0.0	9.65
5	8.6	8.9	8.3	6.6	7.3	7.2	7.0	63	75	77	72	0.0	4.69
6	7.6	9.2	7.6	7.0	7.8	7.4	7.4	81	81	90	84	1.0	19.65
7	8.0	10.2	9.3	7.1	8.1	8.3	7.8	78	75	92	82	0.8	9.72
8	8.1	8.7	7.3	7.5	7.7	7.0	7.4	86	84	83	84	4.2	18.80
9	8.9	8.5	10.7	7.1	7.8	8.6	7.8	70	88	81	80	1.8	8.10
10	8.1	8.9	7.8	7.2	6.6	5.9	6.6	80	60	56	65	5.6	12.45
11	9.0	10.6	9.4	6.9	7.9	7.4	7.4	65	62	71	66	8.2	
12	10.3	12.0	10.6	7.4	8.3	7.7	7.8	61	61	63	62	9.4	
13	11.3	13.2	10.3	8.2	8.8	7.5	8.2	64	58	62	61	9.5	
14	11.2	13.4	11.6	8.2	9.5	9.0	8.9	68	66	77	70	9.2	
15	11.4	12.3	11.3	8.5	8.5	8.5	8.5	71	61	71	68	10.4	
16	11.4	11.4	12.2	6.9	8.5	9.3	8.2	44	70	77	64	0.0	6.70
17	11.3	12.8	12.1	9.5	9.0	9.8	9.4	90	66	85	80	8.5	7.11
18	12.3	15.1	11.8	9.0	10.7	8.9	9.5	71	67	74	71	9.0	
19	10.2	11.2	11.4	7.9	8.9	9.2	8.7	72	80	84	79	1.0	23.06
20	11.4	11.7	10.4	8.3	9.5	8.6	8.8	66	86	81	78	2.0	34.94
21	9.1	10.0	8.8	7.3	7.5	7.3	7.4	73	66	76	72	4.4	6.40
22	11.1	12.0	10.0	8.4	8.5	7.2	8.0	71	64	61	65	8.6	
23	12.1	9.2	9.7	8.6	8.1	8.6	8.4	65	86	89	80	2.4	12.52
24	11.9	10.8	9.4	9.0	8.1	7.4	8.2	79	69	69	72	1.2	28.39
25	10.3	12.1	9.8	7.9	8.5	7.7	8.0	70	64	72	69	9.8	
26	10.7	12.4	12.4	7.8	8.8	9.3	8.6	65	65	74	68	10.0	
27	12.2	14.1	13.2	8.8	9.6	6.8	8.4	67	61	36	55	10.6	
28	13.4	15.9	13.3	8.0	11.8	10.0	9.9	46	74	76	65	7.5	
	10.20	11.16	10.19	7.88	8.50	8.04	8.13	71.7	72.2	74.6	72.8	4.86	13.60

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	8ni	10ni	10ni	9.3	1s	0	2s	402.3	moder.	
2	10ni	10ni	8ni	9.3	4sw	0	3s	528.0	rough	t.l.r.d.d.&ni.
3	10ni	10ni	10ni	10.0	3s	2s	5s	471.8	slight	
4	10ni	10ni	4ni	8.0	2s	6s	8s	726.1	v.rough	gale
5	6str.ni	10ni	8ni	8.0	8w	8w	6w	823.4	,,	hail a.m.&g.
6	10ni	10ni	2cu	7.3	4s	4w	1s	535.8	slight	
7	8str.ni	10ni	10ni	9.3	0	2sw	1ne	146.3	light	
8	8str.ni	10ni	4str cu	7.3	2se	3s	0	159.6	,,	
9	4ci cu	10ni	6str ni	6.7	0	2s	3w	322.1	mod.	hail p.m.
10	10ni	6str ni	4cu	6.7	3s	6w	4w	337.7	slight	
11	6str. ni	6ci cu	0	4.0	1se	1w	0	216.7	light	
12	3ci cu	8alt cu	0	3.7	0	1se	0	100.0	calm	
13	8alt cu	2cu	1cu	3.7	1s	2w	1e	78.3	,,	mist a.m.
14	4str.	2str	0	2.0	0	1w	0	137.8	light	
15	0	2cicu	8ni	3.3	0	1n	1sw	258.1	,,	lunar halo
16	10ni	8nicu	10ni	9.3	4se	6s	4s	153.1	mod.	t.l.r.d,d.&ni.
17	6nicu	2str cu	0	2.7	1se	1w	1n	181.2	,,	
18	1cu	1cu	4str cu	2.0	0	4s	1s	229.1	,,	mist all day
19	10ni	9ni	6str.cu	8.3	6s	6s	3w	555.7	rough	t.l.r.d,g.&ni.
20	9ni	4cicu	10ni	7.7	1s	3s	5s	362.2	slight	
21	6str ni	8str cu	8ni cu	7.3	3ne	2ne	1e	204.9	mod.	
22	1cu	8ci cu	10n	6.3	0	2e	0	58.9	calm	
23	8ni cu	10ni	10ni.	9.3	2s	2s	0	270.6	mod.	t.l.r.&hl.d.d.
24	8ni cu	10ni	4str.ni	7.3	4sw	6sw	4w	541.2	rough	
25	6str cu	3cu	6ci cu	5.0	1se	0	0	209.2	light	
26	1eu	6ci	1cu	2.7	0	3e	2n	172.2	mod.	haze in a.m.
27	4ci	1cu	0	1.7	0	0	0	183.9	calm	sirocco
28	8ni	4cicu	0	4.0	0	3se	0	293.4	mod.	misty day
29										
30										
31										
				6.15				309.92		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	5	9	2	1	0	10
14:30	1	1	2	2	9	2	7	0	4
20.30	2	1	2	0	8	1	5	0	9
Totals	3	3	4	7	26	5	13	0	23

Number of days with rain 17, fog 0, thunderstorms 4, gales 2.
50-yr average number of days with rain during month 13.6